

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WILLIAMS 1-23
Doc ID	1689533

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
BOREHOLE COMPENSATED SONIC LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WILLIAMS 1-23
Doc ID	1689533

Tops

Name	Top	Datum
HEEBNER	4085	.
TORONTO	4106	.
LANSING	4177	.
IOLA	4355	.
SWOPE	4615	.
MARMATON	4753	.
PAWNEE	4838	.
FT SCOTT	4875	.
CHEROKEE	4892	.
ATOKA	5028	.
MORROW	5191	.
CHESTER	5330	.
ST GENEVIEVE	5433	.

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Williams No.1-23
API: 15-081-22252
Location: NW NE NE SE Sec.23-T28S-R33W, Haskell Co., KS
License Number: _____ Region: Wildcat
Spud Date: 10/13/22 Drilling Completed: 10/19/22
Surface Coordinates: 2616'FSL 613'FEL
Latitude 37.598503/ Longitude -100.891245
Bottom Hole Coordinates:
Ground Elevation (ft): 2949 K.B. Elevation (ft): 2961
Logged Interval (ft): 4000 MD To: 5592 MD Total Depth (ft): 5592 MD
Formation: Lansing, Marmaton, Cherokee, Morrow, Miss
Type of Drilling Fluid: Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Merit Energy Company
Address: 13727 Noel Road, Ste. 1200
Dallas, TX 75240-7362
Martin Lange

GEOLOGIST

Name: Randy Say
Company: RSay Enterprises
Address: 13524 W. 67th Way
Arvada, CO 80004
303-940-8751

Casing/ Data

Surface Casing 8.625" J-55 set at 1769
Production casing 5.50" run to 5592

Duke Rig No.9
Emigdio Rojoas - Toolpusher
Rodney Ganzales - Company Man
Tony Maestas - Mudco - Mud Engineer

Directional

Stryker Directional
13615 Poplar Cir
Conroe, Tx 77304
936-588-5505

Logging Program

Halliburton Energy Services

Logs Run

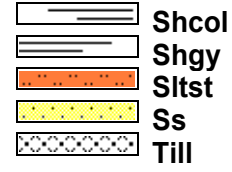
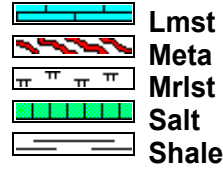
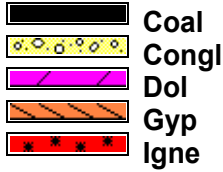
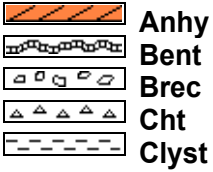
Interval

Array Compensated True Resistivity 1768-5587

Dual Spaced Neutron Spectral Density 3900-5585

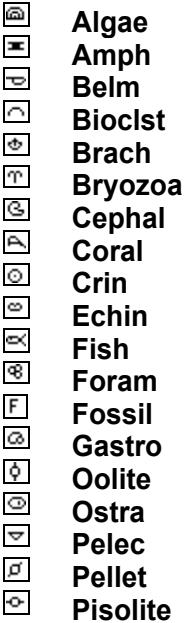
Quad Combo 1768-5587

ROCK TYPES

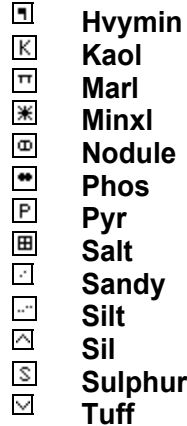
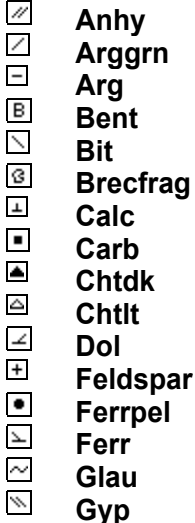


ACCESSORIES

FOSSIL



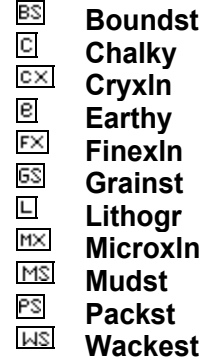
MINERAL



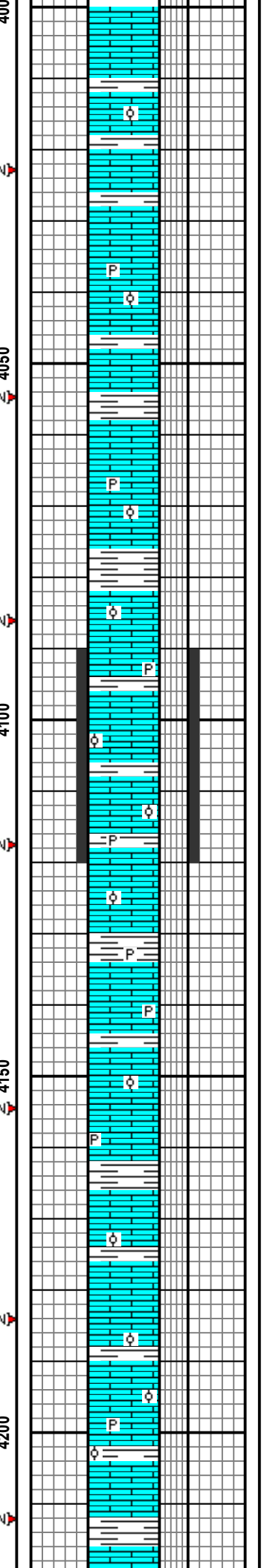
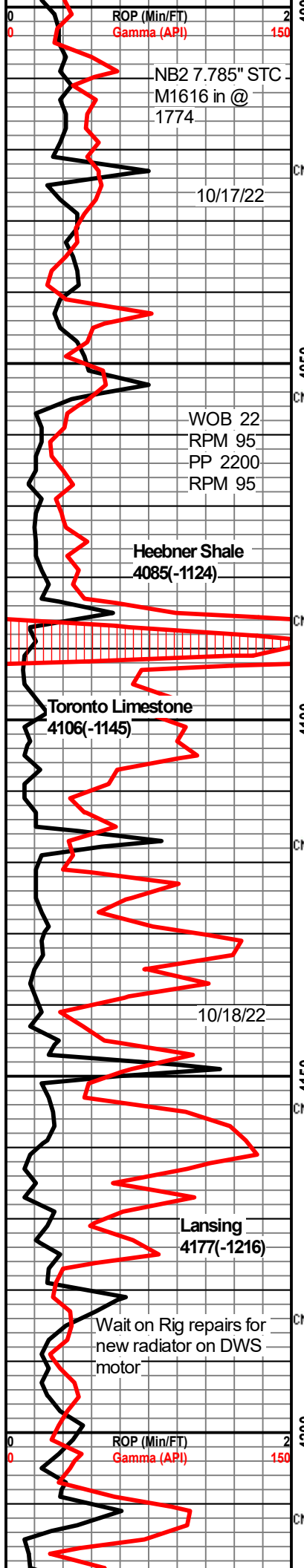
STRINGER



TEXTURE



ROP/ENG DATA		MD	Porosity <small>Porosity Type</small>	Lithology	Grain Size <small>Fr, Ft, P, Jr, Jm, Jg, Bx</small>	Oil Show <small>Stringing, Rounding</small>	Geological Descriptions	TG, C1-C5				
ROP (Min/FT)	Gamma (API)							TG (Units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)
0	150	39						10	100	1000	10000	100000
All formation tops are electric log 30 foot samples lagged and air dried; 10 foot through select pay zones								1	10	100	1000	10000
								1	10	100	1000	10000
								1	10	100	1000	10000
								1	10	100	1000	10000
								1	10	100	1000	10000



LS wh-crm sft-firm xfxl vchky ool & fos por-p nsfoc

SH mgy sft pty slty slcalc

LS wh-ltgy xfxl-occ vchky & wh sft incr tr ool por-tt nsfoc

SH m-incr dkgy sft pty carb

LS wh-crm sft-fri vchky occ fxl fri tr ool por-p-tt nsfoc

SH dkgy-bk sft-firm occ hd blkly vcarb

Show No. 1 4090-4120(30)

LS ltgy-crm xfxl-gran fri-firm fos w/chky mtrx occ tr ool w/intbd mgy sh strgs; vfpyr; por-fr-occ g(gran); oilstrn-none, no vis oilstrn; flor-20% ltyel; cut-20% slow mlky diffuse cut, occ slow mlky strn; res-pale yel flor res in dish, no ring strn

LS wh-ltgy-crm vsft-fri vchky text w/occ xfxl ool ls por-p nsfoc

SH bk-dkgy firm blkly vcarb

LS crm-wh vsft-occ muchy vchky incr ool & fxl por-p-tt nsfoc

LS aa ool xfxl por-p nsfoc

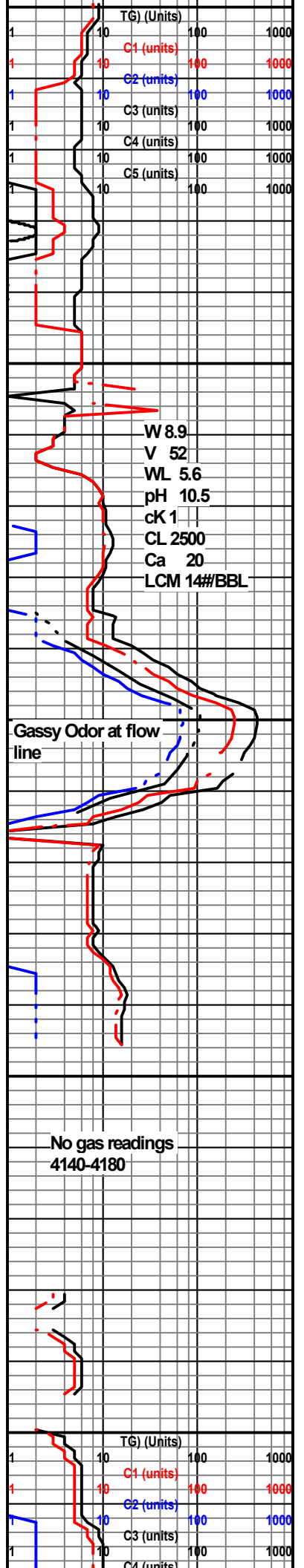
SH strgs bk blkly vcarb

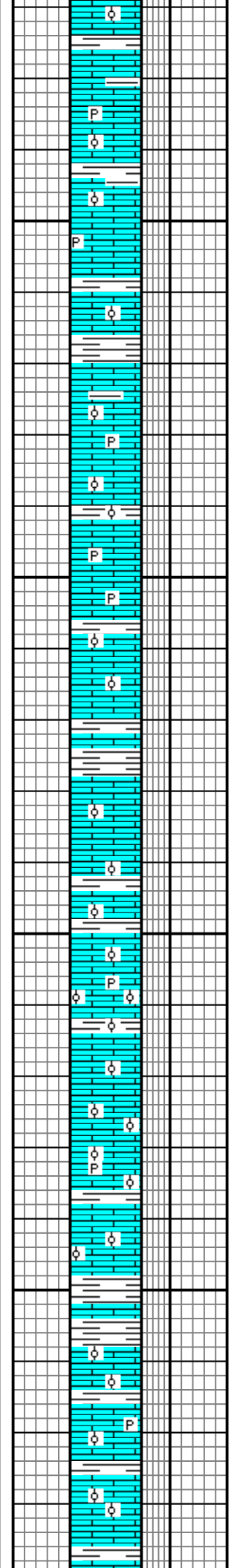
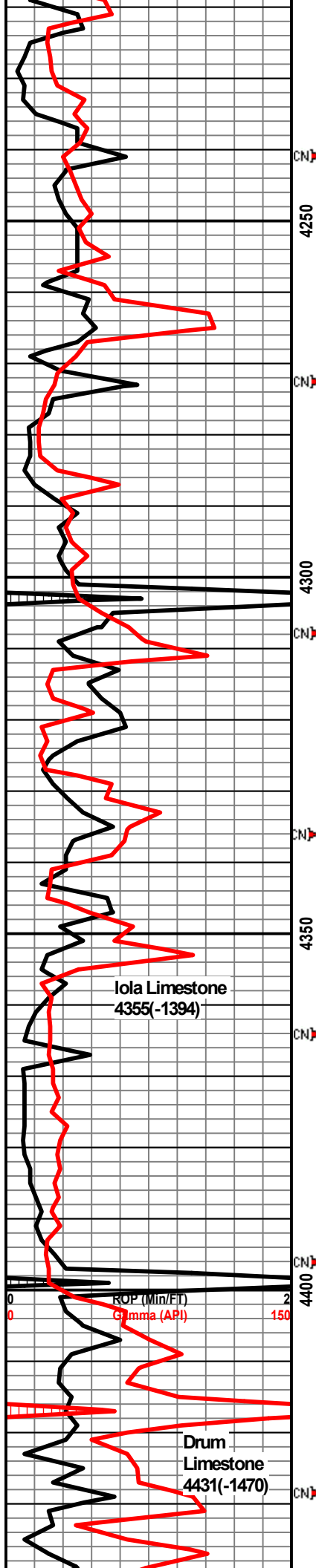
LS tan-crm ool & fos w/chk mtrx por-p-tt nsfoc

LS wh-tan xfxl fri vchky fos por-p-fr nsfoc

LS aa incr fos & ool por-fr nsfoc

SH mgy sft pty carb





LS ltgy-tan xfxl-lithofri-occ firm mfos
tr ool zones chky mtrx por-fr-p nsfoc

SH aa

LS gy-wh xfxl fri ool & occ calc infill
por-p-tt nsfoc

SH dkgy firm blkly vcarb

LS ltgy-wh/gy mot fri-firm xfxl-sft
slchky ool incr fos w/calc infill por-p
nsfoc

SH aa blkly w/thin LS strgs

LS aa occ vfpvr w/ool chky mtrx
por-fr nsfoc

SH mgy-bk sft-firm blkly vcarb

LS tan-mgy xfxl-gran fri-firm incr ool
& fos w/occ calc infill & chky mtrx;
vfpvr; por-fr-occ g nsfoc

SH aa

LS mot gy-tan xfxl-gran vfri-firm incr
ool & fos w/chk mtrx & calc infill;
slpvr w/sh strgs; por-fr-occ g nsfoc

tr pyr

SH strgs bk sft plty vcarb

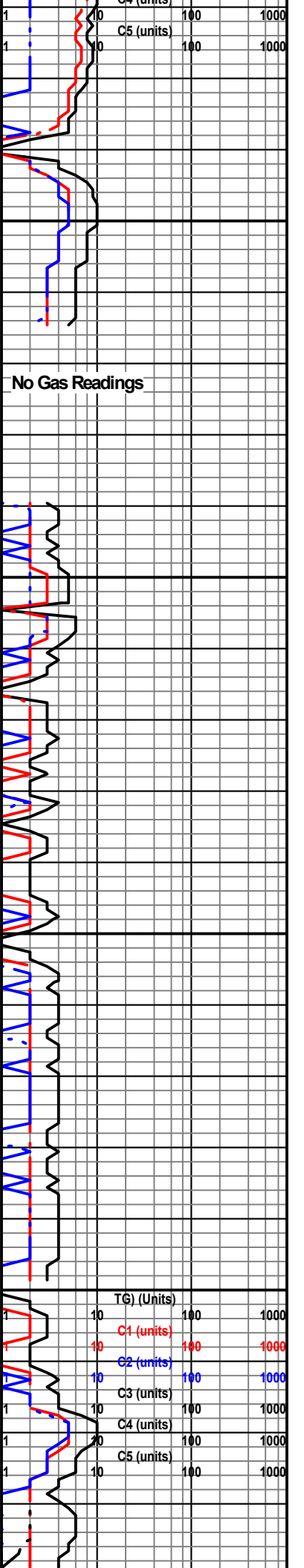
LS aa occ thin bk sh strgs LS
por-p-tt nsfoc

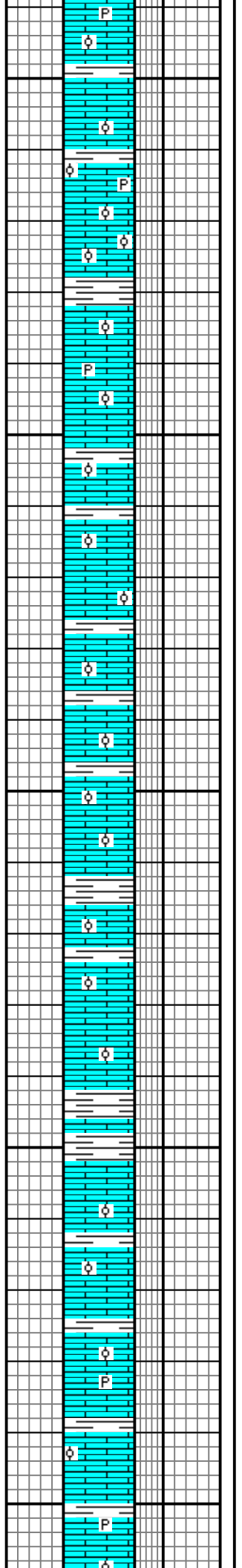
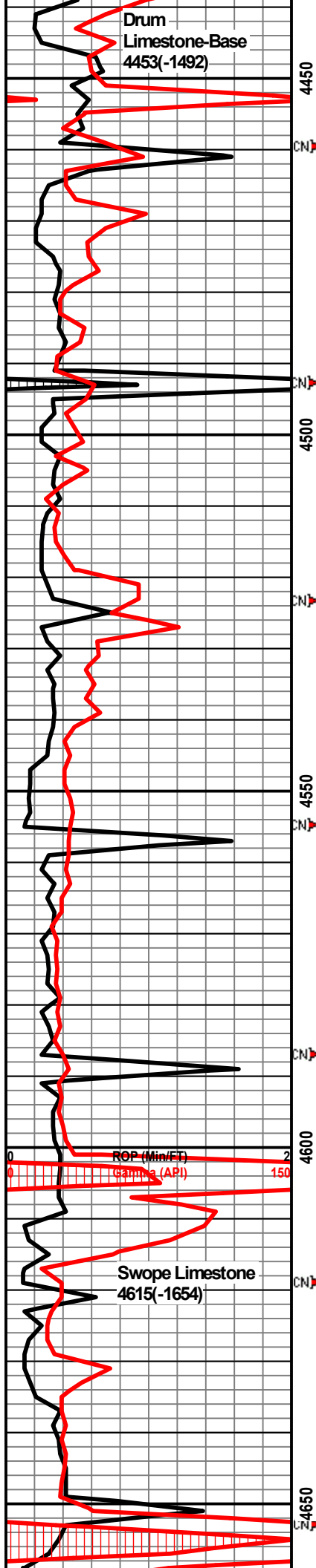
SH bk-dkgy sft plty carb

LS tan-mgy xfxl 0cc suc firm-fri fos &
ool w/calc infill por-p-occ fr nsfoc

LS aa incr fos occ chk mtrx slool
w/thin gy shs srtgs intbd; por-p
nsfoc

SH bk sft plty carb





LS tan-mgy-wh xfxl 0litho fri-firm occ chky ool & fos por-p nsfoc

SH dkgy-bk sft plty vcarb

LS ltgy-tan xfxl occ suc & vfri chky mtrx w/ool & calc infill por-p-tt nsfoc

SH bk firm blkly sclalc

LS ltgy-tan xfxl-litho vfri-firm ool w/calc infill occ chky por-tt nsfoc

SH strgs bk firm blkly carb

LS aa nsfoc

LS tan-brn xfxl-litho firm ool & fos w/calc infill thin bk sh strgs por-p nsfoc

LS mgy-wh xfxl-occ suc fri-firm ool fos w/calc infill & chky mtrx por-p-tt nsfoc

SH dkgy-bk sft plty carb sclalc

LS mgy-incr tan/brn xfxl-litho firm occ sh strgs ool w/calc infill; por-p nsfoc

SH bk-mgy sft plty slty vthin strgs

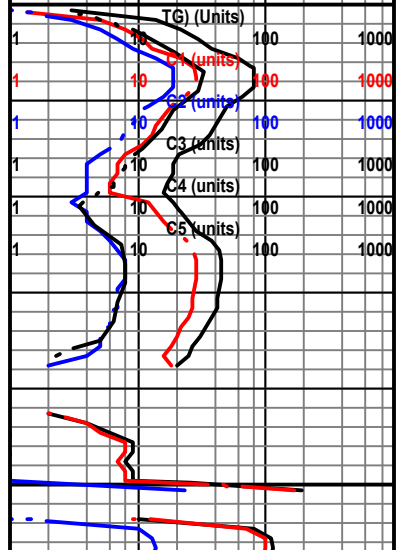
LS incr tan/brn xfxl firm mfos w/calc infill tr ool w/thin sh strgs LS por-p-tt nsfoc

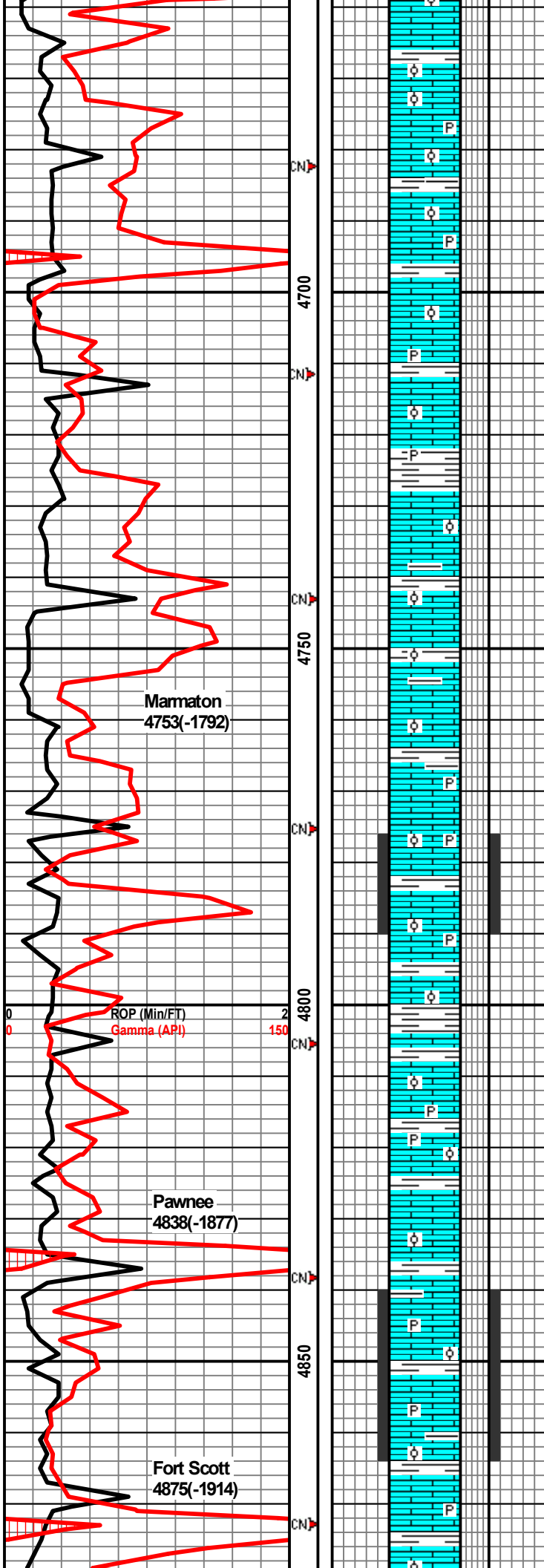
LS aa incr fos occ slchky w/ool & bk SH strgs LS por-tt nsfoc

SH aa

LS mot gy-ltan litho occ suc & fri ool tr fos slchky por-p nsfoc

W 8.9
V 53
WL 5.2
pH 10.5
cK 1
CL 2100
Ca 20
LCM 18#/BBL





SH dkgy-bk firm-sft pty vcarb

LS mot tan-ltgy xfxl-suc fri-firm fos
w/calc infill slool por-p-tt nsfoc

tr pyr

LS tan-gy xfxl firm occ fri & suc fos
w/chk mtrx calc infill por-p-occ fr
nsfoc

SH dkgy sft pty carb slcalc

LS tan-mgy/wh litho-xfxl firm-fri fos &
slool w/calc infill occ chky tr pyr;
por-p nsfoc

LS aa incr mgy suc & vfri occ slty fos
w/thin bk sh strgs; por-p nsfoc

incr tr pyr

Show No.2 4776-4790(14)

LS ltgy-tan litho-gran suc text fri -firm
ool tr fos sltytext; tr pyr; por-p-occ fr;
oilstn-none; flor-10% ltyel; cut-10%
slow mlky diffuse cut; res-none

SH bk-gybrn sft pty slcalc

LS aa incr fos w/sh strgs dkgy sft
slool slchky por-p nsfoc

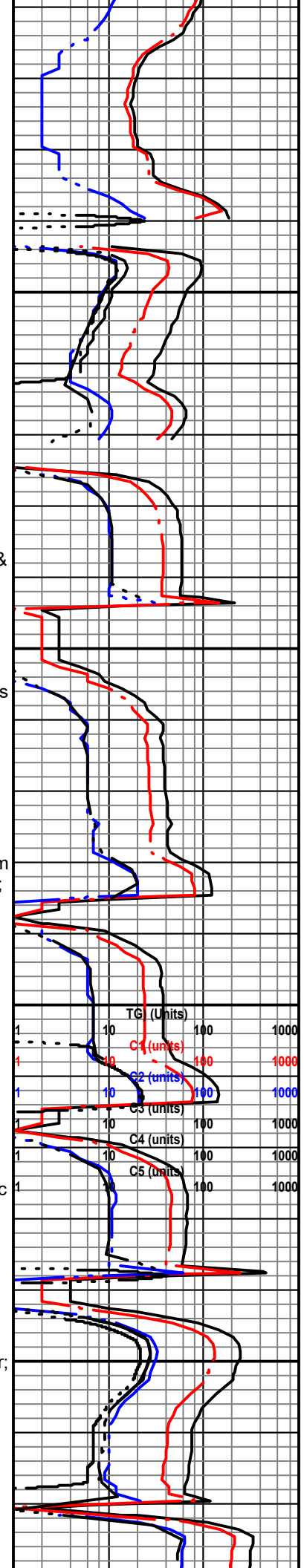
SH bk sft blkly carb

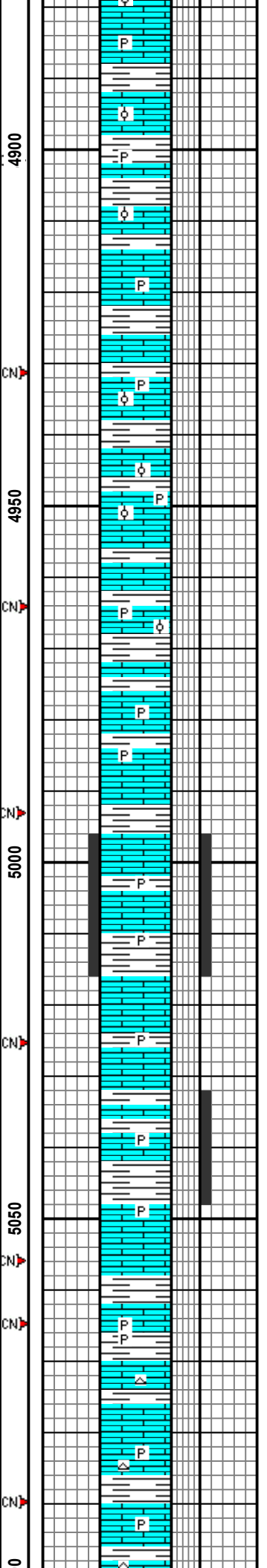
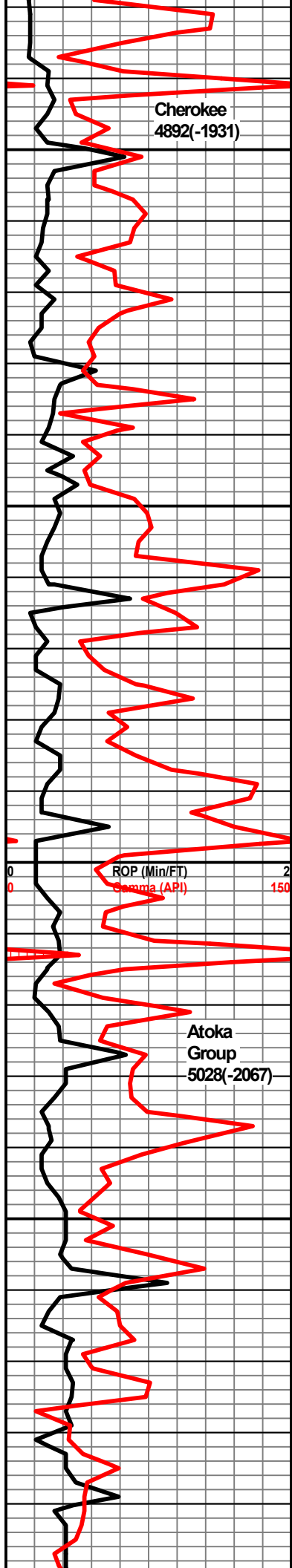
LS tan-ltgy xfxl occ suc & vfri fos occ
chky incr tr pyr in LS por-p-fr nsfoc

Show No.3 4840-4864(24)

LS mot tan-gy-brn xfxl-suc firm-fri
fos w/calc infill occ shly bk carb incr
tr pyr; por-fr; oilstn-none, no oil odor;
flor-20% ltyel; cut-20% slow
mlky-ltyel strm; res-pale yel flor res,
no tan oil ring in dish

LS ltan-gy xfxl firm-fri occ suc fos
por-p-occ fr nsfoc





LS brn-gy xfl firm slool fos w/calc
infill firm slpyr por-p-tt nsfoc

SH bk-gybrn sft pty vcarb occ slty
pyr no cut in SH

LS aa nsfoc

LS brn-mgy xfl firm-fri suc sfos calc
infill por-p nsfoc

tr pyr incr

SH dkgy-gybrn sft-firm pty vcarb
scalac nsfoc

LS crm-gy xfl-suc/gran firm-fri sfos
slty por-p nsfoc

SH bk-gybrn sft pty-blky vcarb
scalac nsfoc in sh

LS xfl-microxl occ hd dns calc infill
pyr por-p nsfoc

Show No.4 4996-5016(20)

LS mot gy-brn xfl hd dns-fri suc pyr
fos w/calc infill w/intbd sh strgs;
por-p-tt in LS; oilstn-none; flor-10%
ltyel; cut-10% vslow mlky diffuse cut;
res-none; SH cuts mlky slow

tr pyr incr

Shale Cut

SH dkgy-gybrn-gygn firm bkly slty
scalac pyr no SH weak mlky diffuse
cut on bk sh

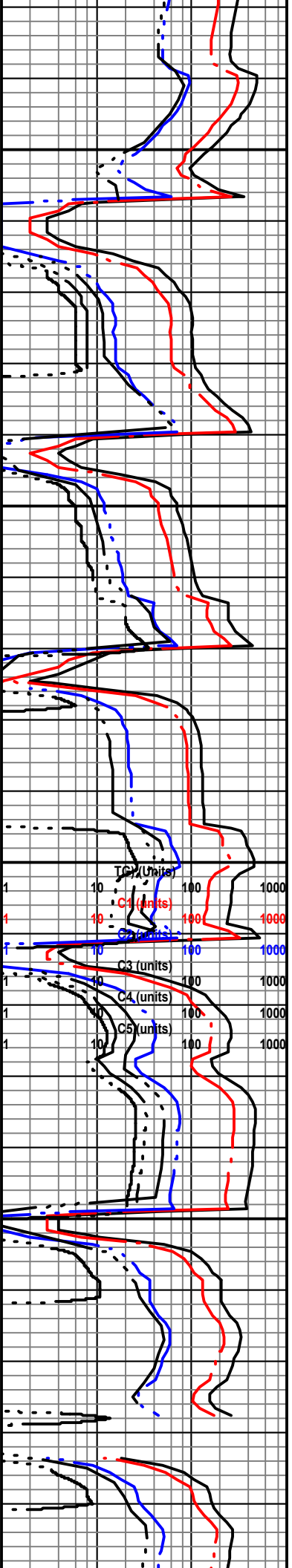
LS mot gy-dkgy xfl-litho firm occ hd
fos vfpyr por-p-tt nsfoc; no SH cuts

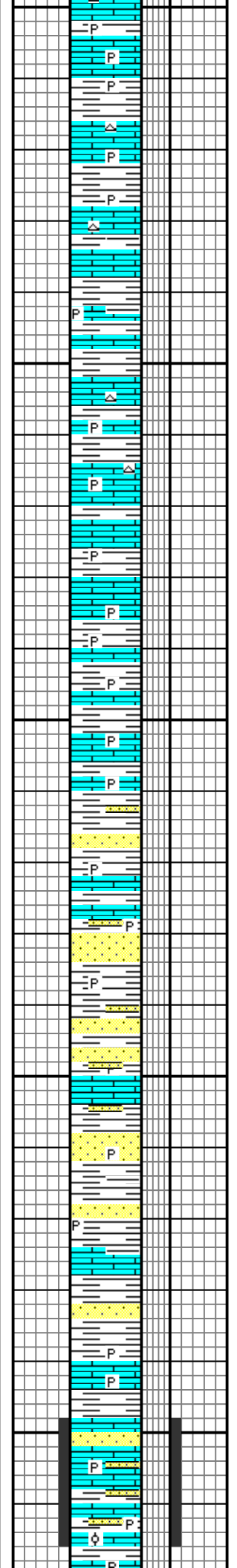
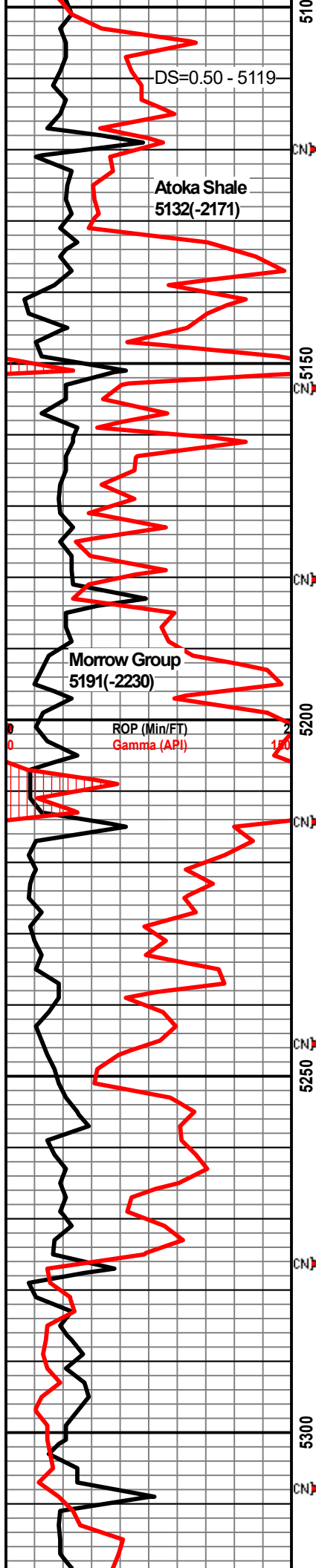
SH aa w/intbd LS strgs por-p-tt
nsfoc no sh cuts

LS tan-dkgy xfl firm-hd slty vfpyr
por-p nsfoc w/sh strgs

SH bk sft pty vcarb no SH cut

LS brn-tan xfl-microxl hd dns-firm
pyr w/occ sht occ fos; por # nsfoc





SH dkgy-gygn-bk sft pty-blky vcarb
scalac; no sh cut

LS aa pyr chty por-p-tt nsfoc

SH bk-dkgy blky firm vcarb slpyr

LS tan-brn xfl firm-hd incr pyr &
chty occ fos por-tt nsfoc

SH bk-dkgy sft pty occ brit vcarb
no sh cuts

incr tr pyr

SH aa vcarb blky sity

LS tan-brn xfl firm intbd thin sh
strgs pyr & cht fos; por-p nsfoc

LS mot vltgy-crm-tan xfl-gran & suc
vfpwr w/tr thin shstrgs; por-p nsfoc

tr pyr

LS tan-gybrn xfl firm pyr

SH dkgy-bk firm blky-pty vcarb occ
sity scalac w/thin SS strgs por-p
nsfoc

LS gy fri chky

SS mgy vfg fri arg mtrx sity por-fr
nsfoc

SH mgy-gygn sft pty arg scalac

SS wh-kdgy vfg fri arg scalac slpyr
por-fr nsfoc

LS mgy suc fri chky

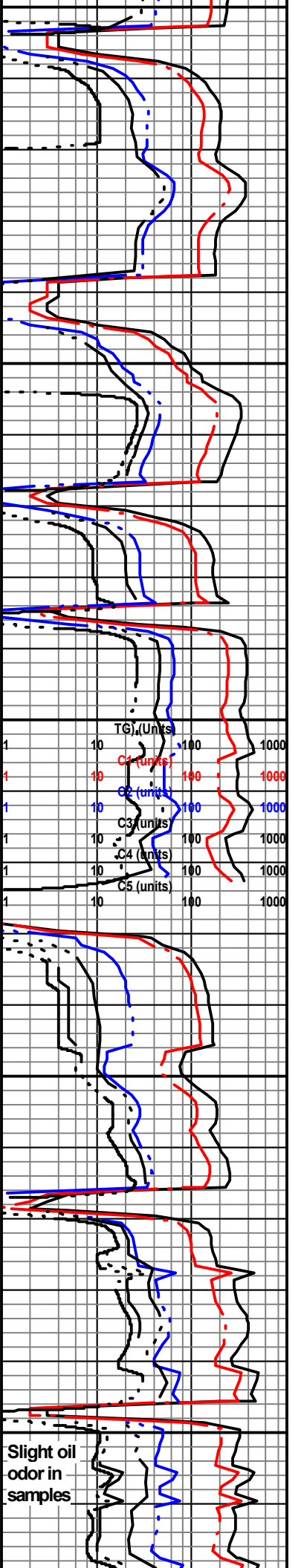
SS thins srtgs vfg-sity arg mtrx por-tt
nsfoc w/ls/sh strgs

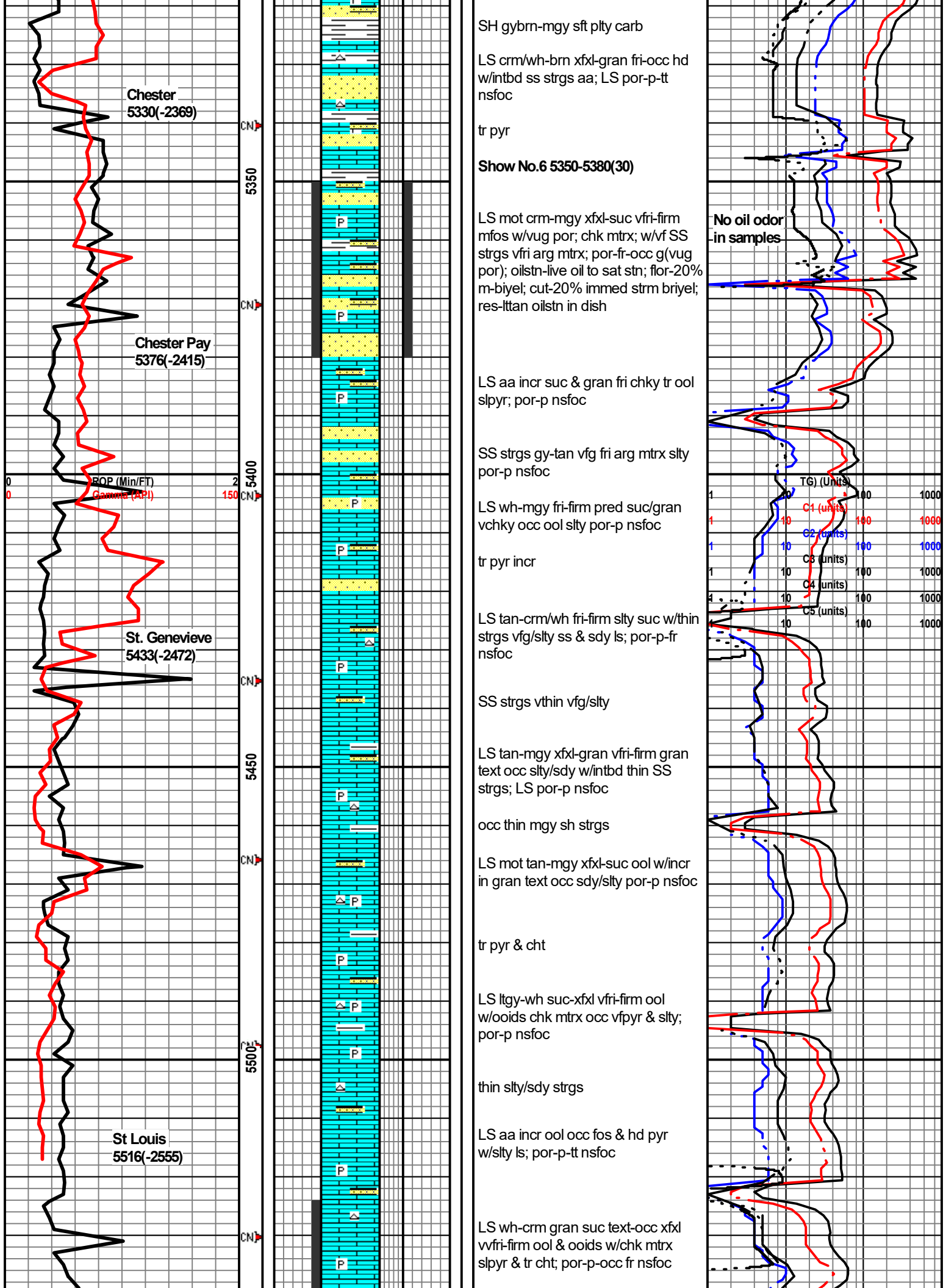
SS m-dkgy-brn vf-occ fg sity sbrd
wrt calc cmt mtrx varg tr pyr w/thin
strgs ls/sh intbd; por-p-tt nsfoc

LS wh-ltgy xfl-incr gran suc fri-firm
w/chk mtrx por-fr nsfoc

Show No.5 5398-5416(18)

LS mot wh/crm-ltgy fri-firm suc &
gran vchky mtrx sity text por-g-fr;
oilstn-live oil in smpl w/tan sat stn;
flor-30% briyel; cut-30% immed strm
briyel; res-tan oil ring in dish





Chester
5330(-2369)

CN

5350

CN

Chester Pay
5376(-2415)

5400

CN

ROP (Min/FT)
Gamma (API)

St. Genevieve
5433(-2472)

CN

5450

CN

5500

St. Louis
5516(-2555)

CN

SH gybrn-mgy sft plty carb

LS crm/wh-brn xfl-gran fri-occ hd
w/intbd ss strgs aa; LS por-p-tt
nsfoc

tr pyr

Show No.6 5350-5380(30)

LS mot crm-mgy xfl-suc vfri-firm
mfos w/vug por; chk mtrx; w/vf SS
strgs vfri arg mtrx; por-fr-occ g(vug
por); oilstn-live oil to sat stn; flor-20%
m-biyel; cut-20% immed strm briyel;
res-ltan oilstn in dish

No oil odor
in samples

LS aa incr suc & gran fri chky tr ool
slpyr; por-p nsfoc

SS strgs gy-tan vfg fri arg mtrx slty
por-p nsfoc

LS wh-mgy fri-firm pred suc/gran
vchky occ ool slty por-p nsfoc

tr pyr incr

LS tan-crm/wh fri-firm slty suc w/thin
strgs vfg/slty ss & sdy ls; por-p-fr
nsfoc

SS strgs vthin vfg/slty

LS tan-mgy xfl-gran vfri-firm gran
text occ slty/sdy w/intbd thin SS
strgs; LS por-p nsfoc

occ thin mgy sh strgs

LS mot tan-mgy xfl-suc ool w/incr
in gran text occ sdy/slty por-p nsfoc

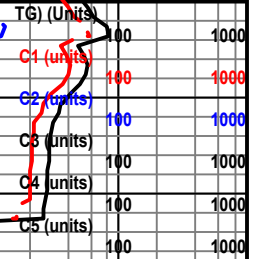
tr pyr & cht

LS lgy-wh suc-xfl vfri-firm ool
w/oids chk mtrx occ vpyr & slty;
por-p nsfoc

thin slty/sdy strgs

LS aa incr ool occ fos & hd pyr
w/slty ls; por-p-tt nsfoc

LS wh-crm gran suc text-occ xfl
vfri-firm ool & ooids w/chk mtrx
slpyr & tr cht; por-p-occ fr nsfoc





QUASAR ENERGY SERVICES, INC.

3288 FM 51
Gainesville, Texas 76240
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Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2J

10/15/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: MERIT ENERGY COMPANY	Well Name: WILLIAMS 1-23
Type Job: SURFACE	AFE #: 0

CASING DATA					
Size:	8 5/8	Grade:	0	Weight:	24
Casing Depths	Top: 0	Bottom:	0		
Drill Pipe:	Size: 0	Weight:	0		
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 1774
Open Hole:	Size: 12 1/4	T.D. (ft):	1774		
Perforations	From (ft): 0	To: 0	Packer Depth(ft):	0	

CEMENT DATA						
Spacer Type:						
Amt.		Sks Yield		ft ³ /sk		Density (PPG)
LEAD:	CLASS A 2%GYP, 2%SMS, 2%CC, 1/4#CELLFLAKE					Excess
Amt.	465	Sks Yield	2.39	ft ³ /sk	1111.35	Density (PPG) 12.1
TAIL:	CLASS A 2%CC, 1/4#CELLFLAKE					Excess
Amt.	185	Sks Yield	1.19	ft ³ /sk	220.15	Density (PPG) 15.6

WATER:						
Lead:		gals/sk:		Tail:		Total (bbls):
Pump Trucks Used:	DP04					
Bulk Equipment:	189 218					
Disp. Fluid Type:	H2O	Amt. (Bbls.)	110.03	Weight (PPG):	8.33	
Mud Type:						

COMPANY REPRESENTATIVE: _____ **CEMENTER:** ANGEL ECHEVARRIA

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1110						ON LOCATION -- SPOT AND RIG UP
1130						SAFETY MEETING
1605						PRESSURE TEST LINES TO 1500PSI
1608	200			20	4	PUMP MS SPACER
1614	150			197.9	3.5	PUMP LEAD 465SX @ 12.1#
	300			39.2	4.5	PUMP TAIL 185SX @ 15.6#
1719						SHUT DOWN - DROP PLUG
1722	150			10	4	DISPLACEMENT
	200			50	4	
	400			75	3.5	
	400			80	3.5	
1750	600			110.03	2.5	LAND PLUG TO 1200
1755						RELEASE BACK --- FLOAT HELD
						85BBLs CEMENT TO SURFACE X
						RIG DOWN
						JOB COMPLETED
						THANK YOU



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Form 185-2J

10/20/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: MERIT ENERGY CO. **Well Name:** WILLIAMS 1-23

Type Job: LONG STRING **AFE #:**

CASING DATA

Size:	5 1/2	Grade:	K55	Weight:	17
Casing Depths		Top:	0	Bottom:	5589
Drill Pipe:	Size: 0	Weight:	0		
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 5592
Open Hole:	Size: 7 7/8	T.D. (ft):	5592		
Perforations	From (ft):	To:	Packer Depth(ft):		

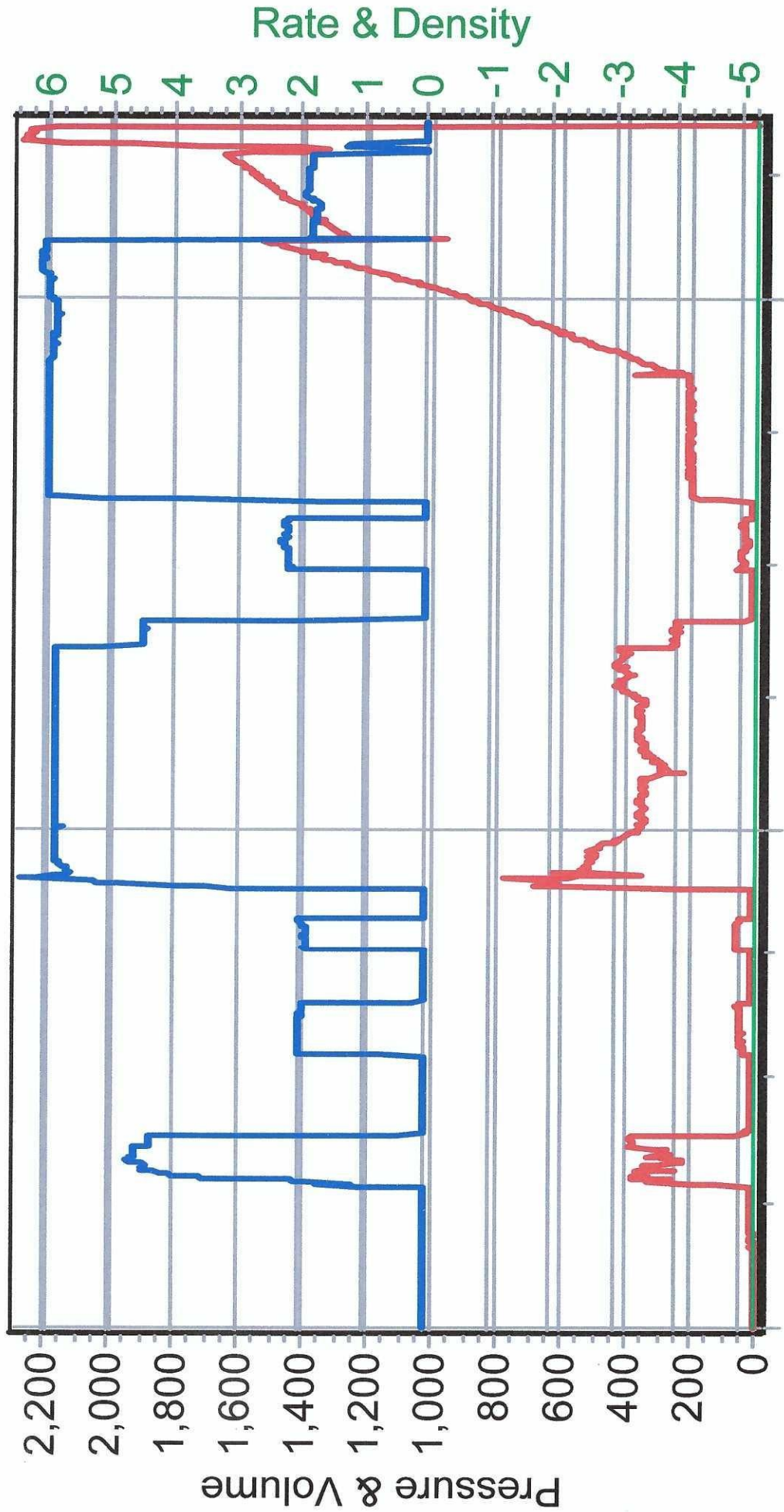
CEMENT DATA

Spacer Type:					
Amt.		Sks Yield		ft ³ /sk	Density (PPG)
LEAD:					Excess
Amt.		Sks Yield		ft ³ /sk	Density (PPG)
TAIL: CLASS A 2%GYP, 6%GYP, 10%SALT, 2#TACTICAL BLITZ, 1/4#POLY, .5%C15					Excess
Amt.	400	Sks Yield	1.5	ft ³ /sk	Density (PPG) 14.72
WATER:					
Lead:		gals/sk:		Tail: 7.1	gals/sk: 67.6
Pump Trucks Used:		210-DP11			
Bulk Equipment:		227 660-25			
Disp. Fluid Type:	KCL	Amt. (Bbls.)	128.7	Weight (PPG):	8.3
Mud Type:		Weight (PPG):			

COMPANY REPRESENTATIVE: RODNEY GONZALES **CEMENTER:** Chad Hinz

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
0500						ON LOC, SAFTEY MTG, R.U.
1218	360				4.5	START SS FLUSH
1221	370			10	4.5	H2O SPACER
1226				5		PLUG RAT AND MOUSE
1242	500				6	START MIXING
1304				93.5		SHUT DOWN, DROP PLUG, WASHUP
1311	204				6	START DISPLACEMENT
1331	1300			118	2	SLOW RATE
1336	1630-2260			129		PLUG DOWN
1338						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
						THANK YOU FOR YOUR BUSINESS!!!

MERIT ENERGY WILLIAMS 1-23 5 1/2



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